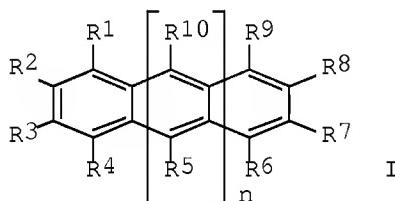
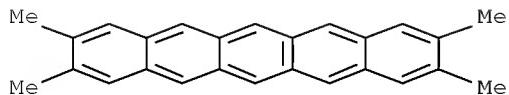


L100 ANSWER 25 OF 43 HCPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2004:451248 HCPLUS Full-text<<LOGINID::20100628>>  
 DOCUMENT NUMBER: 141:32264  
 TITLE: Manufacture of crystalline athene derivative  
 organic semiconductor thin films  
 INVENTOR(S): Nanpo, Takashi  
 PATENT ASSIGNEE(S): Asahi Kasei Corporation,  
 Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

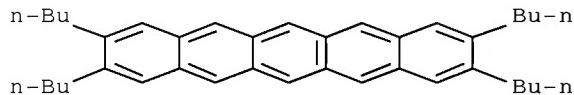
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004158719	A	20040603	JP 2002-324376	20021107 <--
PRIORITY APPLN. INFO.:			JP 2002-324376	20021107 <--
OTHER SOURCE(S):	MARPAT	141:32264		
ED Entered STN:	04 Jun 2004			
GI				



- AB The title athene derivative semiconductor thin films are formed by PVD of an athene derivative (I: R1-10 = H, alkyl, alkynyl, alkenyl, aromatic hydrocarbon group, alkoxy, ether, halo, ketone, ester, amino, amide, cyano, silyl;  $\geq 1$  are non-H; n = 2-7) on a substrate, wherein its long axis of I is provided in vertical orientation to the substrate surface. The organic semiconductor thin films are deposited in level without defects,.
- IT 499138-96-4P, 2,3,9,10-Tetramethylpentacene  
 499138-97-5P 696664-33-2P  
 RL: DEV (Device component use); PNU (Preparation, unclassified);  
 PRP (Properties); PREP (Preparation); USES (Uses)  
 (semiconductor thin film; manufacture of crystalline athene derivative  
 organic semiconductor thin films)
- IT 499138-96-4P, 2,3,9,10-Tetramethylpentacene  
 499138-97-5P 696664-33-2P  
 RL: DEV (Device component use); PNU (Preparation, unclassified);  
 PRP (Properties); PREP (Preparation); USES (Uses)  
 (semiconductor thin film; manufacture of crystalline athene derivative  
 organic semiconductor thin films)
- RN 499138-96-4 HCPLUS  
 CN Pentacene, 2,3,9,10-tetramethyl- (CA INDEX NAME)



RN 499138-97-5 HCAPLUS  
 CN Pentacene, 2,3,9,10-tetrabutyl- (CA INDEX NAME)



RN 696664-33-2 HCAPLUS  
 CN Pentacene, 2,3,9,10-tetrahexyl- (CA INDEX NAME)

